

What is claimed is:

1. A wine chiller comprising:
  - 5 an insulated reservoir;  
a removable cooling ring formed from one or more removable freezer bricks;  
and  
an impeller for circulating the contents of the reservoir.
- 10 2. The wine chiller of claim 1, wherein:  
  
an interior surface of the reservoir and an exterior surface of the cooling ring  
define a circumferential gap.
- 15 3. The wine chiller of claim 1, wherein:  
  
a removable spacer is located in a lower portion of the reservoir and the  
impeller is below the spacer.
- 20 4. The wine chiller of claim 1, wherein:  
  
there is a vertical gap between an upper edge of the cooling ring and an  
upper rim of the reservoir.
- 25 5. The wine chiller of claim 1, wherein:  
  
the freezer bricks are two or more in number and cooperate to form the ring  
by locating against one another along vertical edges.
- 30 6. The wine chiller of claim 1, wherein:  
  
the freezer bricks are identical in size.

7. The wine chiller of claim 4, wherein:

the impeller has a vertical axis of rotation and there is a circumferential gap between the spacer and an interior of the reservoir.

5

8. A wine chiller, comprising:

an insulated reservoir having a side wall and a lower surface;

a removable cooling ring located above the surface and within the wall;

10 a vertical impeller below the lower surface that is adapted to urge a fluid radially into a gap between the wall and the lower surface; and  
an inlet to the impeller.

9. The wine chiller of claim 8, wherein:

15

the impeller is in fluid communication with the gap and urges fluid into it.

10. The chiller of claim 8, wherein:

20 there is a vertical gap between an upper edge of the cooling ring and an upper rim of the wine cooler.

11. The chiller of claim 10, wherein:

25 a flow path is defined, the path passing upward over an exterior of the cooling ring, over the upper edge of the cooling ring and down toward the impeller.

12. The chiller of claim 11, wherein:

30 the flow path further comprises the inlet, the inlet being located centrally and above the impeller.

13. The cooling reservoir of claim 12, wherein:

the cooling ring comprises tow or more similar freezer bricks.

14. A freezer brick for use in a wine chiller, comprising:

5

an extruded aluminium body portion having an internal cavity, and;  
two open ends sealed with a polymeric seal.

15. The freezer brick of claim 14, wherein:

10

the body portion is made from an aluminium extrusion which is curved in  
cross-section.

16. The freezer brick of claim 14, wherein:

15

the body portion has formed in it exterior longitudinal ribs.

17. The freezer brick of claim 14, further comprising:

20

a cap that cooperates with the seal.

18. The freezer brick of claim 14, wherein:

25

the cap has one or more central ribs which expand the seal and increase a  
contact pressure between the seal and an interior of the body portion.

19. The freezer brick of claim 14, wherein:

30

the cap includes indentations along the top and bottom surfaces for locating  
and stabilising the freezer brick when placed in registry with cooperating  
features within the wine chiller.

20. The freezer brick of claim 14, wherein:

the freezer bricks cooperate to form a ring by locating against one another along generally parallel, vertical edges.

5